

# FILE DI TESTO

```
FILE *fopen( const char * filename, const char * mode );  
int fclose( FILE *fp );
```

Mod e	Description
r	Opens an existing text file for reading purpose.
w	Opens a text file for writing. If it does not exist, then a new file is created. Here your program will start writing content from the beginning of the file.
a	Opens a text file for writing in appending mode. If it does not exist, then a new file is created. Here your program will start appending content in the existing file content.
r+	Opens a text file for both reading and writing.
w+	Opens a text file for both reading and writing. It first truncates the file to zero length if it exists, otherwise creates a file if it does not exist.
a+	Opens a text file for both reading and writing. It creates the file if it does not exist. The reading will start from the beginning but writing can only be appended.

# Leggere e scrivere su file

```
#include <stdio.h>
int main () {
    char str [80];
    float f;
    FILE * pFile;
    pFile = fopen ("myfile.txt","w+");
    fprintf (pFile, "%f %s", 3.1416, "PI");
    rewind (pFile);
    fscanf (pFile, "%f", &f);
    fscanf (pFile, "%s", str);
    fclose (pFile);
    printf ("I have read: %f and %s \n",f,str);
    return 0;
}
```

# Leggere e scrivere su file

## LEGGERE TUTTO IL FILE

```
while(fscanf(fp,"%s %c",item,&status) == 1) {  
    printf("\n%s \t %c", item,status);  
}  
  
if(feof(fp)) {  
    puts("EOF");  
} else {  
    puts("CAN NOT READ");  
}  
  
getch();  
return 0;  
}
```

# Scrivere su file

1. i scriva un programma che gestisca le interrogazioni e i relativi voti: